

Appendix J: Cost Neutrality Demonstration

Appendix J-1: Composite Overview and Demonstration of Cost-Neutrality Formula

Composite Overview. Complete the fields in Cols. 3, 5 and 6 in the following table for each waiver year. The fields in Cols. 4, 7 and 8 are auto-calculated based on entries in Cols 3, 5, and 6. The fields in Col. 2 are auto-calculated using the Factor D data from the J-2d Estimate of Factor D tables. Col. 2 fields will be populated ONLY when the Estimate of Factor D tables in J-2d have been completed.

Level(s) of Care (specify):			ICF/IID				
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Year	Factor D	Factor D'	Total: D+D'	Factor G	Factor G'	Total: G+G'	Difference (Column 7 less Column 4)
1	23,618.70	10,525.77	34,144.47	248,489.81	5,388.26	253,878.08	219,733.61
2	23,656.60 23,616.61	10,873.12	34,529.71 34,489.73	256,689.98	5,576.85	262,266.83	227,737.12 227,777.10
3	24,201.63 24,066.58 23,820.08	11,231.93	35,433.56 35,298.51 35,052.01	265,160.75	5,772.04	270,932.79	235,499.23 235,634.28 235,880.78
4	24,808.14 24,670.05 24,285.88	11,602.58	36,410.73 36,272.63 35,888.47	273,911.05	5,974.06	279,885.11	243,474.39 243,612.48 243,996.65
5	24,528.30 24,387.26 24,785.21	11,985.47	36,513.77 36,372.73 36,770.68	282,950.12	6,183.15	289,133.27	252,619.50 252,760.54 252,362.60

Appendix J-2: Derivation of Estimates

- a. **Number Of Unduplicated Participants Served.** Enter the total number of unduplicated participants from Item B-3-a who will be served each year that the waiver is in operation. When the waiver serves individuals under more than one level of care, specify the number of unduplicated participants for each level of care:

Table J-2-a: Unduplicated Participants	
Waiver Year	Total Unduplicated Number of Participants (from Item B-3-a)

State:	
Effective Date	

Year 1	850
Year 2	1400 800
Year 3	1950 1240
Year 4	2500 1710
Year 5	3050 2150

- b. **Average Length of Stay.** Describe the basis of the estimate of the average length of stay on the waiver by participants in Item J-2-a.

The average length of stay for all waiver years is 355 days. This is based on the average length of stay reported on the CMS 372(S) for the Community Pathways Waiver for fiscal year 2016.

- c. **Derivation of Estimates for Each Factor.** Provide a narrative description for the derivation of the estimates of the following factors.

- i. **Factor D Derivation.** The estimates of Factor D for each waiver year are located in Item J-2-d. The basis for these estimates is as follows:

~~The number of unduplicated recipients has been estimated as follows:~~

The estimated users of Assistive Technology and Services, Behavioral Support Services, and Support Brokers are based on the actual percentage of users vs. total unduplicated recipients of those services in the Community Pathways Waiver from CMS 372(S) FY15 and applied to the estimated unduplicated number of participants in Appendix B-3 for Waiver Years 1-5.

The estimated users of Employment Discovery & Customization, Environmental Assessments, Environmental Modifications, and Vehicle Modifications are based on the actual percentage of users vs. total unduplicated recipients of those services in the Community Pathways Waiver from CMS 372(S) FY15 and are estimated to increase by 50% in Waiver Years 2-5 and only until WY3 for Employment Discovery & Customization-

Community Development Services users have been estimated at approximately 5% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5 based on the trend of increased utilization in the Community Pathways Waiver.

Day Habilitation for WYs 1-5 and Supported Employment for WYs 1-3 users of have been estimated at approximately 20% of total number of waiver users as estimated in Appendix B-3 ~~for Waiver Years 1-5~~ based on the trend of declining utilization in the Community Pathways Waiver.

Family and Peer Mentoring Supports users have been estimated at approximately 25% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

Family Caregiver Training and Empowerment Services and Participant Education, Training and Advocacy Supports users have been estimated at approximately 10% of the total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

As there is no historic data from the FY15 CMS 372, the estimated users of Individual and Family Directed Goods and Services are based on utilization of service in FY16, which is about .5% of total number of waiver users as estimated in Appendix B-3 for Waiver Year 1. The users of Individual and Family Directed Goods and Services are estimated to increase by 50% in Waiver Years 2-5.

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Personal Supports users have been estimated at approximately 62% of the total number of waiver users as estimated in Appendix B-3 in Waiver Years 1-5 based on the actual percentage of users over total unduplicated users from FY15 CMS 372(S) for Community Supported Living Arrangement and Residential Habilitation services.

Respite Care Services and Transportation users have been estimated at approximately 10% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

Medical Day Care and Career Exploration users have been estimated at approximately 1% of the total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

Housing Support Services users have been estimated at approximately 10% of the total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

Nursing Services users have been estimated for each service at approximately 2% of the total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

In Waiver Year 4, Employment Discovery and Customization and Supported Employment services will end and be replaced in WY4 with Employment Services including Discovery, Job Development, Follow-Along Supports, On-going Job Supports, Co-Worker Employment Services, and Customized Self-Employment Services. The estimated users for WYs 4-5 for each employment service are based on analysis of the current employment program and estimated 600 Transitioning Youth- and estimated to increase by the 2% CAGR of Unduplicated Recipients from the Community Pathways waiver CMS 372 (S) FY13-16 in WY5.

The Average Units per User for Waiver Years 1-5 are based on historic utilization of services in the Community Pathways Waiver from CMS 372(S) average data FY13-16 or FY17 average utilization of services in PCIS2 for all services except: Behavioral Support Services, Career Exploration, Family Caregiver Training and Empowerment Services, Family and Peer Mentoring Supports, Housing Support Services, Participant Education, Training and Advocacy Supports, Nursing Services, and hourly Respite. Individual and Family Directed Goods and Services units per user are based on FY16 utilization as there is no historic data from the CMS 372. Behavioral Support Services, Housing Support Services, Nursing Services and hourly Respite average units per person are based on program analysis and allowable unit limits set in the Waiver. Career Exploration is new service based on Supported Employment service utilization. The Average Units per User for WYs 32-5 for Behavioral Consultation are based on historic utilization from the FY17 Community Pathways 372 report.

Family Caregiver Training and Empowerment Services, Family and Peer Mentoring Supports, and Family and Peer Mentoring Supports are new services therefore the estimates are based on best practices and similar services in Arizona's Raising Special Kids program.

In WYs 4-5, Employment Services- Job Development, Follow-Along Supports, and Co-Worker Employment Supports average units per user are based on the median of the allowable unit limits.

The Average Cost per Unit per waiver year is based on DDA's average costs and limits for services from the Community Pathways Waiver CMS 372(S) FY13-16 and/or FY17 average costs for services in PCIS2 for all services except: Behavioral Supports, Day Habitation (WY ~~43~~-5), Community Development Services (WY ~~43~~-5), Career Exploration (WY ~~43~~-5), Employment Services, (WY4-5) Environmental Assessment, Individual and Family Directed Goods and Services, daily and hourly Respite Care, Personal Supports (WY ~~43~~-5), Family Caregiver Training and Empowerment Services, Family and Peer Mentoring

State:	
Effective Date	

Supports, Housing Support Services, Participant Education, Training and Advocacy Supports, and Nursing Services.

For these services, the average costs per unit are based on proposed rates from a completed rate study by Johnston, Villegas-Grubbs and Associates, LLC using the Brick Method™, which is a structure used to develop standard fees for disability (and other services) that utilizes cost categories and studies their relationship to direct service support costs (the wages of people performing the service). There are four standard cost components that are assumed to be common to all social and medical services. They are employment related expenses, program support, facility cost (day habilitation only) and general and administrative. In Maryland, training and transportation components were also studied and used to develop the rates. The foundation of the Brick is the direct support professional wage. See Appendix I for detailed rate methodologies for each service.

The unit costs for fee schedule and tiered rate services are estimated to increase by a 2% COLA in Waiver Years ~~34-5~~ based on historical authorized increases.

- ii. **Factor D' Derivation.** The estimates of Factor D' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

Factor D' was calculated for Waiver Years 1-5 using FY16 actual MMIS Medicaid expenditures for Community Pathways Waiver participants enrolled in the Waiver at any point in FY2016. This data removes the cost of prescribed drugs under the provisions of part D. The 3.3 percent inflation rate applied to Factor G' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

- iii. **Factor G Derivation.** The estimates of Factor G for each waiver year are included in Item J-1. The basis of these estimates is as follows:

The estimated annual average institutional costs that would be incurred for individuals served in the Waiver, were the waiver not granted, are based on data from the Community Pathways Waiver CMS 372(S) FY16 report. The 3.3 percent inflation rate applied to Factor G is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually from FY16 through Waiver Years 1-5 by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

- iv. **Factor G' Derivation.** The estimates of Factor G' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

The estimated annual average per capita Medicaid costs for all other services other than those included in factor G for individuals served in the Waiver, were the waiver not granted, are based on data from the Community Pathways Waiver CMS 372(S) FY16 report. The 3.3 percent inflation rate applied to Factor D' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually from FY16 through Waiver Years 1-5 by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

Component management for waiver services. If the service(s) below includes two or more discrete services that are reimbursed separately, or is a bundled service, each component of the service must be listed. Select “manage components” to add these components.

State:	
Effective Date	

Waiver Services	
Assistive Technology and Services	
Behavioral Support Services	Assessment, Plan, Consultation, Brief Support Implementation
Career Exploration	Facility , Large Group, Small Group, <u>Facility</u>
Community Development Services	
Day Habilitation Services	
Employment Discovery & Customization	
Environmental Assessment	
<u>Employment Supports</u>	<u>Co-Worker, Discovery, Follow Along Supports, Job Development, On-going Job Supports, Customized Self-Employment Services</u>
Environmental Modifications	
Family & Peer Mentoring Supports	
Family Caregiver Training & Empowerment Services	
Housing Support Services	
Individual & Family Directed Goods and Services	<u>Goods and Services, Staff Recruitment and Advertising</u>
Medical Day Care	
Nursing Services	<u>Case Management and Delegation, Consultation, Nurse Health Case Management</u>
Participant Education, Training, & Advocacy Supports	
Personal Supports	
Respite Care Service	Daily, Hourly, Camp
Support Broker Services	
Supported Employment	
Transportation	
Vehicle Modifications	

d. Estimate of Factor D. *Select one:* Note: Selection below is new.

<input checked="" type="checkbox"/>	The waiver does not operate concurrently with a §1915(b) waiver. Complete Item J-2-d-i
<input type="checkbox"/>	The waiver operates concurrently with a §1915(b) waiver. Complete Item J-2-d-ii

i. Estimate of Factor D – Non-Concurrent Waiver. Complete the following table for each waiver year. Enter data into the Unit, # Users, Avg. Units Per User, and Avg. Cost/Unit fields for all the Waiver

State:	
Effective Date	

Service/Component items. Select Save and Calculate to automatically calculate and populate the Component Costs and Total Costs fields. All fields in this table must be completed in order to populate the Factor D fields in the J-1 Composite Overview table.

Waiver Year: Year 1					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	3	1	942.54	2,827.62
Behavioral Support Services:					253,421.76
<i>Assessment</i>	Assessment	24	1	786.94	18,886.56
<i>Plan</i>	Plan	24	1	559.60	13,430.40
<i>Consultation</i>	Hour	84	4	98.37	33,052.32
<i>Brief Supports Implementation</i>	15 minutes	56	192	17.49	188,052.48
Community Development Services	Day	43	154	98.66	653,326.52
Day Habilitation	Day	170	206	93.67	3,280,323.40
Employment Discovery & Customization	Day	1	29	79.70	2,311.30
Environmental Assessments	Assessment	1	1	419.70	419.70
Environmental Modifications	Item	1	1	6,592.38	6,592.38
Family and Peer Mentoring Supports	Hour	213	5	57.54	61,280.10
Family Caregiver Training and Empowerment Services	Item	85	1	538.00	45,730.00
Housing Support Services	Hour	85	78	49.76	329,908.80
Individual and Family Directed Goods and Services:					4,520.00
<i>Goods and Services</i>	Items & Services	4	4	220.00	3,520.00
<i>Staff Recruitment and Advertising</i>	Items & Services	4	1	250.00	1,000.00
Medical Day Care	Day	9	176	77.70	123,076.80
Nursing:					468,157.56
<i>Case Management and Delegation Services</i>	15 minutes	17	1460	18.07	448,497.40

State:	
Effective Date	

Waiver Year: Year 1					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
<i>Consultation</i>	15 minutes	17	32	18.07	9,830.08
<i>Health Case Management</i>	15 minutes	17	32	18.07	9,830.08
Participant Education, Training, and Advocacy Supports	Item	85	1	538.00	45,730.00
Personal Supports	15 minutes	527	3744	6.07	11,976,644.16
Respite Care Services:					121,517.76
<i>Daily</i>	Day	28	10	322.14	90,199.20
<i>Hourly</i>	Hour	28	4	20.13	2,254.56
<i>Camp</i>	Item	28	1	1,038.00	29,064.00
Support Broker	Hour	18	96	36.00	62,208.00
Supported Employment	Day	170	184	70.01	2,189,912.80
Career Exploration:					115,936.56
<i>Facility Based</i>	Day	3	184	70.01	38,645.52
<i>Small Group</i>	Day	3	184	70.01	38,645.52
<i>Large Group</i>	Day	3	184	70.01	38,645.52
Transportation	Item	85	260	14.42	318,682.00
Vehicle Modifications	Item	1	1	13,370.00	13,370.00
GRAND TOTAL:					\$ 20,075,897.22
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					850
FACTOR D (Divide grand total by number of participants)					\$ 23,618.70
AVERAGE LENGTH OF STAY ON THE WAIVER					355

State:	
Effective Date	

Waiver Year: Year 2					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	<u>43</u>	1	942.54	<u>2,827.62</u> <u>3,770.16</u>
Behavioral Support Services:					<u>240,427.06</u> <u>417,498.68</u>
<i>Assessment</i>	Assessment	<u>2340</u>	1	786.94	<u>18,099.62</u> <u>31,477.60</u>
<i>Plan</i>	Plan	<u>2340</u>	1	559.60	<u>12,870.80</u> <u>22,384.00</u>
<i>Consultation</i>	Hour	<u>80139</u>	4	98.37	<u>31,478.40</u> <u>54,693.72</u>
<i>Brief Supports Implementation</i>	15 minutes	<u>5392</u>	192	17.49	<u>177,978.24</u> <u>308,943.36</u>
Community Development Services	Day	<u>4070</u>	154	98.66	<u>607,745.60</u> <u>1,063,554.80</u>
Day Habilitation	Day	<u>160280</u>	206	93.67	<u>3,087,363.20</u> <u>5,402,885.60</u>
Employment Discovery & Customization	Day	2	29	79.70	4,622.60
Environmental Assessments	Assessment	2	1	419.70	839.40
Environmental Modifications	Item	2	1	6,592.38	13,184.76
Family and Peer Mentoring Supports	Hour	<u>200350</u>	5	57.54	<u>57,540.00</u> <u>100,695.00</u>
Family Caregiver Training and Empowerment Services	Item	<u>80140</u>	1	538.00	<u>43,040.00</u> <u>75,320.00</u>
Housing Support Services	Hour	<u>80140</u>	78	49.76	<u>310,502.40</u> <u>543,379.20</u>
Individual and Family Directed Goods and Services:					10,170.00

State:	
Effective Date	

Waiver Year: Year 2					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
<i>Goods and Services</i>	Items & Services	9	4	220.00	7,920.00
<i>Staff Recruitment and Advertising</i>	Items & Services	9	1	250.00	2,250.00
Medical Day Care	Day	148	176	79.25	111,584.00 195,272.00
Nursing:					440,618.88 771,083.04
<i>Case Management and Delegation Services</i>	15 minutes	1628	1460	18.07	422,115.20 738,701.60
<i>Consultation</i>	15 minutes	1628	32	18.07	9,251.84 16,190.72
<i>Health Case Management</i>	15 minutes	1628	32	18.07	9,251.84 16,190.72
Participant Education, Training, and Advocacy Supports	Item	80140	1	538.00	43,040.00 75,320.00
Personal Supports	15 minutes	496868	3744	6.07	11,272,135.68 19,726,237.44
Respite Care Services:					117,177.84 203,976.24
<i>Daily</i>	Day	2747	10	322.14	86,977.80 151,405.80
<i>Hourly</i>	Hour	2747	4	20.13	2,174.04 3,784.44
<i>Camp</i>	Item	2747	1	1,038.00	28,026.00 48,786.00
Support Broker	Hour	1730	96	36.00	58,752.00 103,680.00
Supported Employment	Day	160280	184	70.01	2,061,094.40 3,606,915.20

State:	
Effective Date	

Waiver Year: Year 2					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Career Exploration:					<u>115,936.56</u> 193,227.60
<i>Facility Based</i>	Day	\$3	184	70.01	<u>38,645.52</u> 64,409.20
<i>Small Group</i>	Day	\$3	184	70.01	<u>38,645.52</u> 64,409.20
<i>Large Group</i>	Day	\$3	184	70.01	<u>38,645.52</u> 64,409.20
Transportation	Item	14080	260	14.42	<u>299,936.00</u> 524,888.00
Vehicle Modifications	Item	2	1	13,370.00	26,740.00
GRAND TOTAL:					<u>\$</u> <u>18,925,278.00</u> - \$ <u>33,063,259.72</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					<u>800</u> 1400
FACTOR D (Divide grand total by number of participants)					<u>\$</u> <u>23,656.60</u> - \$ <u>23,616.61</u>
AVERAGE LENGTH OF STAY ON THE WAIVER					355

State:	
Effective Date	

Waiver Year: Year 3					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	<u>65</u>	1	942.54	<u>4,712.70</u> <u>5,655.24</u>
Behavioral Support Services:					<u>559,531.42</u> <u>392.</u> <u>070.52</u> <u>584,933.68</u>
<i>Assessment</i>	Assessment	<u>3556</u>	1	<u>830.77</u> <u>814.4</u> <u>8</u> <u>786.94</u>	<u>29,076.95</u> <u>28.50</u> <u>6.80</u> <u>44,068.64</u>
<i>Plan</i>	Plan	<u>3556</u>	1	<u>830.77</u> <u>814.4</u> <u>8</u> <u>559.60</u>	<u>29,076.95</u> <u>28.50</u> <u>6.80</u> <u>31,337.60</u>
<i>Consultation</i>	<u>Hour</u> <u>15 minutes</u>	<u>123494</u>	<u>466</u>	<u>25.96</u> <u>101.81</u> <u>98.37</u>	<u>210,743.28</u> <u>50.0</u> <u>90.52</u> <u>76,335.12</u>
<i>Brief Supports Implementation</i>	15 minutes	<u>82129</u>	192	<u>18.46</u> <u>18.10</u> <u>17.49</u>	<u>290,634.24</u> <u>284,966.40</u> <u>433,192.32</u>
Community Development Services	<u>Hour</u> <u>Day</u>	<u>6298</u>	<u>154308</u>	<u>98.66</u> <u>35.78</u>	<u>942,005.68</u> <u>1,079,983.52</u>
Day Habilitation	<u>Hour</u> <u>Day</u>	<u>248390</u>	<u>206412</u>	<u>93.67</u> <u>45.97</u>	<u>4,785,412.96</u> <u>7,386,459.60</u>
Employment Discovery & Customization	<u>Day</u>	<u>3</u>	<u>29</u>	<u>79.70</u>	<u>6,933.90</u>
Employment Services:					
<u>Discovery</u>	<u>Milestone</u>	<u>200</u>	<u>1</u>	<u>3,993.67</u>	<u>798,734.00</u>
<u>Job Development</u>	<u>Hour</u>	<u>200</u>	<u>45</u>	<u>66.56</u>	<u>599,040.00</u>
<u>Follow Along</u>	<u>Month</u>	<u>40</u>	<u>6</u>	<u>212.88</u>	<u>51,091.20</u>
<u>On-going Job Supports</u>	<u>Hour</u>	<u>160</u>	<u>900</u>	<u>35.48</u>	<u>5,109,120.00</u>
<u>Co-Worker Employment Supports</u>	<u>Month</u>	<u>10</u>	<u>2</u>	<u>500.00</u>	<u>10,000.00</u>
<u>Customized Self-Employment Services</u>	<u>Milestone</u>	<u>4</u>	<u>1</u>	<u>266.24</u>	<u>1,064.96</u>

State:	
Effective Date	

Waiver Year: Year 3					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Environmental Assessments	Assessment	3	1	419.70	1,259.10
Environmental Modifications	Item	3	1	6,592.38	19,777.14
Family and Peer Mentoring Supports	Hour	206 488	5	57.54	59,266.20 140,397.60
Family Caregiver Training and Empowerment Services	Item	82 195	1	538.00	44,116.00 104,910.00
Housing Support Services	Hour	82 195	78	49.76	318,264.96 756,849.60
Individual and Family Directed Goods and Services:					15,820.00
<i>Goods and Services</i>	Items & Services	14	4	220.00	12,320.00
<i>Staff Recruitment and Advertising</i>	Items & Services	14	1	250.00	3,500.00
Medical Day Care	Day	122 0	176	80.84	170,734.08 284,556.80
Participant Education, Training, and Advocacy Supports	Item	82 195	1	538.00	44,116.00 104,910.00
Personal Supports	15 minutes	769 120 9	3744	6.11	17,591,520.96 27,656,890.56
Nursing:					688,467.00 1,074,008.52
<i>Case Management and Delegation Services</i>	15 minutes	25 39	1460	18.07	659,555.00 1,028,905.80
<i>Consultation</i>	15 minutes	25 39	32	18.07	14,456.00 22,551.36
<i>Health Case Management</i>	15 minutes	25 39	32	18.07	14,456.00 22,551.36
Respite Care Services:					199,014.82 282,094.80

State:	
Effective Date	

Waiver Year: Year 3					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Daily	Day	4165	10	373.27 322.14	153,040.70 209,391.00
Hourly	Hour	4165	4	20.83 20.13	3,416.12 5,233.80
Camp	Item	4165	1	1,038.00	42,558.00 67,470.00
Support Broker	Hour	2742	96	36.00	93,312.00 145,152.00
Supported Employment	Day	248390	184	83.41	3,806,165.12 5,985,501.60
Career Exploration:					154,582.08 41,860.00
Facility Based	Day Hour	47	184368	70.01 2.64	51,527.36 6,800.64
Small Group	Day Hour	47	184368	70.01 13.21	51,527.36 34,028.96
Large Group	Day Hour	47	184368	70.01 0.40	51,527.36 1,030.40
Transportation	Item	195124	260	14.42	464,900.80 731,094.00
Vehicle Modifications	Item	3	1	13,370.00	40,110.00
GRAND TOTAL:					\$ 32765974.06 29,842,562.02 - \$ 46,449,157.66
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					12404950
FACTOR D (Divide grand total by number of participants)					\$ 26424.17 24,066.58 - \$ 23,820.08
AVERAGE LENGTH OF STAY ON THE WAIVER					355

State:	
Effective Date	

Waiver Year: Year 4 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	<u>87</u>	1	942.54	<u>6,597.78</u> <u>7,540.32</u>
Behavioral Support Services:					<u>788,684.52</u> <u>552,541.62</u> <u>762,619.79</u>
<i>Assessment</i>	Assessment	<u>4974</u>	1	<u>847.38830</u> <u>77</u> <u>802.68</u>	<u>41,521.62</u> <u>40,707.73</u> <u>56,990.19</u>
<i>Plan</i>	Plan	<u>4974</u>	1	<u>847.38830</u> <u>77</u> <u>570.79</u>	<u>41,521.62</u> <u>40,707.73</u> <u>40,526.09</u>
<i>Consultation</i>	<u>15</u> <u>minutes</u> <u>Hour</u>	<u>170249</u>	<u>466</u>	<u>26.48103</u> <u>.8</u> <u>5</u> <u>100.34</u>	<u>297,105.60</u> <u>70,618.00</u> <u>99,938.64</u>
<i>Brief Supports Implementation</i>	15 minutes	<u>113465</u>	192	<u>18.83</u> <u>18.46</u> <u>17.84</u>	<u>408,535.68</u> <u>400,508.16</u> <u>565,164.86</u>
Community Development Services	Hour	<u>86425</u>	308	<u>35.78</u> <u>36.50</u>	<u>947,740.64</u> <u>1,405,250.00</u>
Day Habilitation	Hour	<u>342500</u>	412	<u>45.97</u> <u>46.89</u>	<u>6,477,356.88</u> <u>9,659,340.00</u>
<u>Employment Discovery & Customization</u>	<u>Day</u>	<u>5</u>	<u>29</u>	<u>81.29</u>	<u>11,787.05</u>
<u>Employment Services:</u>	-	-	-	-	<u>6,569,050.16</u>
<u>Discovery</u>	<u>Milestone</u>	<u>200</u>	<u>1</u>	<u>3,993.67</u>	<u>798,734.00</u>
<u>Job Development</u>	<u>Hour</u>	<u>200</u>	<u>45</u>	<u>66.56</u>	<u>599,040.00</u>
<u>Follow Along</u>	<u>Month</u>	<u>40</u>	<u>6</u>	<u>212.88</u>	<u>51,091.20</u>
<u>On-going Job Supports</u>	<u>Hour</u>	<u>160</u>	<u>900</u>	<u>35.48</u>	<u>5,109,120.00</u>
<u>Co-Worker Employment Supports</u>	<u>Month</u>	<u>10</u>	<u>2</u>	<u>500.00</u>	<u>10,000.00</u>
<u>Customized Self-Employment Services</u>	<u>Milestone</u>	<u>4</u>	<u>1</u>	<u>266.24</u>	<u>1,064.96</u>
Environmental Assessments	Assessment	5	1	428.09	2,140.45

State:	
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Waiver Year: Year 4 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Environmental Modifications	Item	5	1	6,592.38	32,961.90
Family and Peer Mentoring Supports	Hour	212 625	5	58.69	62,211.40 183,406.25
Family Caregiver Training and Empowerment Services	Item	84 250	1	543.00	45,612.00 135,750.00
Housing Support Services	Hour	84 250	78	50.76	332,579.52 989,820.00
Individual and Family Directed Goods and Services:					22,600.00
<i>Goods and Services</i>	Items & Services	20	4	220.00	17,600.00
<i>Staff Recruitment and Advertising</i>	Items & Services	20	1	250.00	5,000.00
Medical Day Care	Day	25 17	176	82.46	246,720.32 362,824.00
Nursing:					954,968.88 1,404,366.00
<i>Case Management and Delegation Services</i>	15 minutes	34 50	1460	18.43	914,865.20 1,345,390.00
<i>Consultation</i>	15 minutes	34 50	32	18.43	20,051.84 29,488.00
<i>Health Case Management</i>	15 minutes	34 50	32	18.43	20,051.84 29,488.00
Participant Education, Training, and Advocacy Supports	Item	84 250	1	543.00	45,612.00 135,750.00
Personal Supports	15 minutes	1060 1550	3744	6.23	24,724,627.20 36,153,936.00
Respite Care Services:					281,032.80 365,691.36

State:	
Effective Date	

Waiver Year: Year 4 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
<i>Daily</i>	Day	<u>5783</u>	10	<u>380.74</u> <u>328.58</u>	<u>217,021.80</u> <u>272,721.40</u>
<i>Hourly</i>	Hour	<u>5783</u>	4	<u>21.25</u> <u>20.53</u>	<u>4,845.00</u> <u>6,815.96</u>
<i>Camp</i>	Item	<u>5783</u>	1	1,038.00	<u>59,166.00</u> <u>86,154.00</u>
Support Broker	Hour	<u>3754</u>	96	36.00	<u>127,872.00</u> <u>186,624.00</u>
Supported Employment	Day	500	184	85.08	- 7,827,360.00
Career Exploration:					<u>45,595.20</u> <u>60,793.60</u>
<i>Facility Based</i>	Hour	<u>68</u>	368	2.69	<u>5,939.52</u> <u>7,919.36</u>
<i>Small Group</i>	Hour	<u>68</u>	368	13.47	<u>29,741.76</u> <u>39,655.68</u>
<i>Large Group</i>	Hour	<u>68</u>	368	4.49	<u>9,913.92</u> <u>13,218.56</u>
Transportation	Item	<u>171250</u>	260	14.42	<u>641,113.20</u> <u>937,300.00</u>
Vehicle Modifications	Item	5	1	13,370.00	66,850.00
GRAND TOTAL:					\$ <u>42,421,926.8542</u> <u>-185,783.95</u> \$ <u>60,714,710.72</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					<u>17102500</u>
FACTOR D (Divide grand total by number of participants)					\$ <u>24,808.1424,670</u> <u>-05</u> \$ <u>24,285.88</u>
AVERAGE LENGTH OF STAY ON THE WAIVER					355

State:	
Effective Date	

Waiver Year: Year 5 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	109	1	942.54	8,482.86 9,425.40
Behavioral Support Services:					1,010,678.94 707,429.00 948,160.91
<i>Assessment</i>	Assessment	6187	1	864.33847 38 818.73	52,724.13 51,690.18 71,229.72
<i>Plan</i>	Plan	6187	1	864.33847 38 582.21	52,724.13 51,690.18 50,652.08
<i>Consultation</i>	15 minutes Hour	214303	466	27.01405 9 2 102.34	381,489.24 90,667.52 124,036.08
<i>Brief Supports Implementation</i>	15 minutes	142201	192	19.2148.83 18.20	523,741.44 513,381.12 702,243.03
Community Development Services	Hour	108153	308	36.50 37.23	1,214,136.00 1,754,426.52
Day Habilitation	Hour	430610	412	46.89 47.83	8,307,032.40 12,020,635.60
Employment Discovery & Customization	Day	7	29	82.92	16,832.76
Employment Services:	-	-	-	-	6,828,008.04
<u>Discovery</u>	<u>Milestone</u>	<u>204</u>	<u>1</u>	<u>4,073.54</u>	<u>831,002.16</u>
<u>Job Development</u>	<u>Hour</u>	<u>204</u>	<u>45</u>	<u>67.89</u>	<u>623,230.20</u>
<u>Follow Along</u>	<u>Month</u>	<u>41</u>	<u>6</u>	<u>217.14</u>	<u>53,416.44</u>
<u>On-going Job Supports</u>	<u>Hour</u>	<u>163</u>	<u>900</u>	<u>36.19</u>	<u>5,309,073.00</u>
<u>Co-Worker Employment Supports</u>	<u>Month</u>	<u>10</u>	<u>2</u>	<u>510.00</u>	<u>10,200.00</u>
<u>Customized Self-Employment Services</u>	<u>Milestone</u>	<u>4</u>	<u>1</u>	<u>271.56</u>	<u>1,086.24</u>
Environmental Assessments	Assessment	7	1	436.66	3,056.62

State:	
Effective Date	

Waiver Year: Year 5 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Environmental Modifications	Item	7	1	6,592.38	46,146.66
Family and Peer Mentoring Supports	Hour	218763	5	59.86	65,247.40 228,365.90
Family Caregiver Training and Empowerment Services	Item	87305	1	549.00	47,763.00 167,445.00
Housing Support Services	Hour	87305	78	51.77	351,311.22 1,231,608.30
Individual and Family Directed Goods and Services:					33,900.00
<i>Goods and Services</i>	Items & Services	30	4	220.00	26,400.00
<i>Staff Recruitment and Advertising</i>	Items & Services	30	1	250.00	7,500.00
Medical Day Care	Day	3122	176	84.10	325,635.20 458,849.60
Nursing:					1,232,001.60 1,747,723.20
<i>Case Management and Delegation Services</i>	15 minutes	4361	1460	18.80	1,180,264.00 1,674,328.00
<i>Consultation</i>	15 minutes	4361	32	18.80	25,868.80 36,697.60
<i>Health Case Management</i>	15 minutes	4361	32	18.80	25,868.80 36,697.60
Participant Education, Training, and Advocacy Supports	Item	87305	1	549.00	47,763.00 167,445.00
Personal Supports	15 minutes	13331891	3744	6.36	31,741,182.72 45,028,189.44
Respite Care Services:					360,588.96 453,212.52

State:	
Effective Date	

Waiver Year: Year 5 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
<i>Daily</i>	Day	72402	10	388.35 332.15	279,612.00 338,793.00
<i>Hourly</i>	Hour	72402	4	21.67 20.94	6,240.96 8,543.52
<i>Camp</i>	Item	72402	1	1,038.00	74,736.00 105,876.00
Support Broker	Hour	4665	96	36.00	158,976.00 224,640.00
Supported Employment	Day	610	184	86.78	- 9,740,187.20
Career Exploration:					54,276.32 77,537.60
<i>Facility Based</i>	Hour	740	368	2.75	7,084.00 10,120.00
<i>Small Group</i>	Hour	740	368	13.74	35,394.24 50,563.20
<i>Large Group</i>	Hour	740	368	4.58	11,798.08 16,854.40
Transportation	Item	215305	260	14.42	806,078.00 1,143,506.00
Vehicle Modifications	Item	7	1	13,370.00	93,590.00
GRAND TOTAL					\$ 52,735,854.9452 432,606.00 \$ 75,594,884.23
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					21503050
FACTOR D (Divide grand total by number of participants)					\$ 24,528.3024,387. 26 \$ 24,785.21
AVERAGE LENGTH OF STAY ON THE WAIVER					355

State:	
Effective Date	